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SUBMITTING MANUSCRIPTS

"Information for Authors"—A complete guide to manuscript submission and journal style is available on request and also appears in January and July.

Author Responsibility—Authors are responsible for all statements, conclusions and methods of presenting subjects. These may or may not be in harmony with the views of the editorial staff. The aim is to permit as wide a latitude as the general policy of the journal and the demands on space may permit. The right to reduce, revise or reject any manuscript is always reserved. Articles are accepted on condition that they are contributed solely to this journal.

Manuscripts—Ordinarily manuscripts should not exceed 3,000 words (less than 15 typed double-spaced pages). The original manuscript and two copies should be submitted, typed double-spaced throughout. If photographic illustrations are desired, three sets of clear, unmounted black and white glossy prints should be supplied. For line drawings, original artwork or glossy prints are acceptable. Tables should be typed on separate sheets of paper.

Clinical Investigation—Papers that authors wish considered for the Clinical Investigation section should be so designated in the transmittal letter.

PUBLISHER

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ALLERGY AND IMMUNOLOGY

October 20—Allergy Update—A Clinical Symposium.

Allergy Foundation of Northern California, Allergy Association of Northern California and the California Society of Allergy at Holiday Inn Union Square, San Francisco. Saturday. Contact: Dr Chester Trossman, 500 E. Remington Dr., Sunnyvale 94087. (408) 730-0812.

October 24-28—American Association for Clinical Immunology and Allergy Meeting at San Diego.

Wednesday-Sunday. Contact: Howard S. Silber, Exec. Dir., PO Box 912-DTS, Omaha, NE 68101. (402) 551-0801.

October 25-28—Allergy, Immunology and Infectious Disease. Symposium Maui, Inc. and Hawaii Chapter American Academy of Family Physicians at Maui Marriott, Kaanapali, Maui. Thursday-Sunday. 18 hrs.

Contact: Joe Harrison, MD, Symposium Maui, Inc., PO Box 10185, Lahaina, Maui, HI 96761. (808) 661-8032.

December 27-29—Allergy and Asthma. Hawaii Medical Association and Hawaii AAFP at Royal Lahaina Resort, Maui. Thursday-Saturday. \$275. 13.5 hrs.

Contact: Joe Harrison, MD, Dir., PO Box 10185, Lahaina, Maui 96761.

January 3-5—Allergy and Dermatology. Symposium Maui, Hawaii Medical Association, and Hawaii American Academy of Family Practice at Royal Lahaina Resort, Maui. Thursday-Saturday. \$275. Contact: Symposium Maui, Joe Harrison, MD, Director, PO Box 10185, Lahaina, Maui 96761.

January 10-12—Allergy and Immune Diseases in Children. Symposium Maui, Hawaii Medical Association and Hawaii American Academy of Family Practice at Royal Lahaina Resort, Maui. Thursday-Saturday.

13.5 hrs. \$275. Contact: Symposium Maui, Joe Harrison, MD, Director, PO Box 10185, Lahaina, Maui 96761.

ANESTHESIOLOGY

October 20—Annual Anesthesiology Symposium.

Kaiser Permanente Southern California Medical Group at Sheraton Premiere Hotel, Universal City. Saturday. Contact: Department of Clinical Services, 4747 Sunset Blvd., Los Angeles 90027. (213) 667-4241.

January 25-27—23rd Annual Clinical Conference in Pediatric Anesthesiology. Pediatric Anesthesiology Foundation and Childrens Hospital of Los Angeles at Los Angeles. Friday-Sunday. Contact: Wayne Herbert, MD, Program Dir., Ped. Anes. Fndn, PO Box 54700, Los Angeles 90054. (213) 669-2262.

KEY TO ABBREVIATIONS

- CMA: California Medical Association
Contact: Continuing Medical Education, California Medical Association, 44 Gough Street, San Francisco 94103. (415) 863-5522.
- DREW: Charles R. Drew Postgraduate Medical School
Contact: Flora Harlee-Cordett, MS, MPH, Office of Continuing Education, Charles R. Drew Postgraduate Medical School, 1621 East 120th Street, Los Angeles 90059. (213) 603-3183.
- LLU: Loma Linda University
Contact: Varner J. Johns, Jr., MD, Associate Dean for Continuing Medical Education, Loma Linda University School of Medicine, Loma Linda 92354. (714) 796-7311, ext. 2400.
- PMC: Pacific Medical Center
Contact: Continuing Education, Pacific Medical Center, PO Box 7999, San Francisco 94120. (415) 563-4321, ext. 2761.
- STAN: Stanford University
Contact: Edward Rubenstein, MD, Associate Dean for Postgraduate Education, Stanford University School of Medicine, 300 Pasteur Drive, Stanford 94305. (415) 497-5594.
- UCD: University of California, Davis
Contact: Ruth Feryok, Director, Office of Continuing Medical Education, University of California, Davis, School of Medicine, Davis 95616. (916) 752-0328.
- UCI: University of California, Irvine
Contact: E. R. Jennings, MD, Assistant Dean, University of California, Irvine, California College of Medicine, c/o UCI/CME Program, Memorial Hospital Medical Center, 2801 Atlantic Avenue, Long Beach 90801. (213) 595-3837, or (714) 856-5414, UCI Extension.
- UCLA: University of California, Los Angeles
Contact: Martin D. Shickman, MD, Director, Continuing Education in Medicine and the Health Sciences, PO Box 24902, UCLA, Los Angeles 90024. (213) 825-7241.
- UCSD: University of California, San Diego
Contact: Office of Continuing Medical Education, University of California, San Diego, School of Medicine (M-017), La Jolla 92093. (619) 452-3940.
- UCSF: University of California, San Francisco
Contact: David S. Gullion, MD, Director, Extended Programs in Medical Education, School of Medicine, University of California, San Francisco 94143. (415) 666-4251.
- USC: University of Southern California
Contact: Phil R. Manning, MD, Associate Dean, Postgraduate Division, University of Southern California School of Medicine, 2025 Zonal Avenue, Los Angeles 90033. (213) 224-7051.

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CANCER

October 18-20—8th Annual Cancer Symposium.

Scripps Memorial Hospital at Sheraton Harbor Island Hotel, San Diego. Thursday-Saturday. \$300. Contact: Nomi Feldman, Conference Coord., 3770 Tansy, San Diego 92121. (619) 453-6222.

December 7-9—2nd Annual Recent Advances in Occupational Cancer Focus on Prevention.

UCSF at Golden Gateway Holiday Inn, San Francisco. Friday-Saturday. \$150.

December 12—19th Annual Northern California Cancer Conference.

N. T. Enloe Memorial Hospital, Chico. Wednesday. Contact: Linda Morgado, Med. Staff Coord., N. T. Enloe Memorial Hospital, W. 5th Ave. and The Esplanade, Chico 94926. (916) 891-7300.

CARDIOLOGY

October 19-21—Vascular and Pulmonary Diseases: Diagnosis and Management.

University of Colorado Health Sciences Center and Medical Education Resources at Islandia Hyatt, San Diego. Friday-Sunday. 13 hrs. Contact: Med. Ed. Resources, 5808 So. Rapp St., Ste. 202, Littleton, CO 80120. (800) 421-3756.

October 26,28—ECG Interpretation, Arrhythmia Management, and Cardiac Rehabilitation.

International Medical Education Corporation at San Francisco. Friday-Sunday. 13 hrs. Contact: IMEC, 64 Inverness Dr. E., Englewood, CO 80112. (800) 525-8651.

November 1-3—7th Annual Fall Symposium on Cardiovascular Update, Behavioral Sciences and New Trends in Medicine.

South Bay Hospital at Hotel Del Coronado, Coronado. Thursday-Saturday. 14 hrs. \$235. Contact: Cheryl Farmer, Coord. Med. Ed., South Bay Hospital, 514 N. Prospect Ave., Redondo Beach 90277. (213) 318-4668.

November 2-4—Vascular and Pulmonary Diseases: Diagnosis and Management.

University of Colorado Health Sciences Center and Medical Education Resources, 5808 So. Rapp St., Ste. 202, Littleton, CO 80120. (800) 421-3756.

November 2-4—The Diagnosis and Management of the Acute Myocardial Infarction.

International Medical Education Corporation at Newporter Inn, Newport Beach. Friday-Sunday. Contact: Beverly Jacobsen. (800) 525-8651.

November 9-10—Cardiology Update 1984.

Cedars-Sinai Medical Center, Los Angeles. Friday-Saturday. Contact: Lore Kahane, C-SMC, PO Box 4870, Los Angeles 90048. (213) 855-5547.

November 10—Update in Pulmonary Medicine for the Primary Care Physician.

University of San Francisco, Fresno Extension. Saturday. 6 hrs. \$80. Con-

tact: Sharon Balestra, Program Rep., UC Med Ed Program CSJV/EPME, 2615 E. Clinton Ave., Fresno 93703. (209) 225-6100, x 562 or 207.

November 30-December 2—Cardiovascular Disease: Non-Invasive Diagnostic Methods (Stress & Holter) and Cardiac Rehabilitation.

International Medical Education Corporation at Las Vegas. Friday-Sunday. Contact: IMEC, 64 Inverness Dr. E., Englewood, CO 80112. (800) 525-8651.

November 30-December 2—ECG Interpretation and Arrhythmia Management.

International Medical Education Corporation at Las Vegas. Friday-Sunday. Contact: Beverly Jacobsen, 64 Inverness Dr. E., Englewood, CO 89112. (800) 525-8651.

December 7-9—Cardiovascular Disease: Non-Invasive Diagnostic Method (Stress and Holter) and Cardiac Rehabilitation.

International Medical Education Corporation at San Diego. 13 hrs. Friday-Sunday. Contact: IMEC, 64 Inverness Drive E., Englewood, CO 80112. (800) 525-8651.

December 7-9—Advances in Heart Disease 1984.

American College of Cardiology at Hyatt Regency Hotel, San Francisco. Contact: ACC, 911 Old Georgetown Rd., Bethesda, MD 20814.

January 25-27—Vascular and Pulmonary Disease: Diagnosis and Management.

University of Colorado Health Sciences Center at MGM Grand Hotel, Las Vegas. Friday-Sunday. 13 hrs. Contact: Med. Ed. Resources, 5808 S. Rapp St., Ste. 202, Littleton, CO 80120. (800) 421-3756.

EMERGENCY MEDICINE

October 29-30—Advanced Cardiac Life Support.

Emergency Care Education Center Inc., Emergency Department Physicians Inc., and Greater Los Angeles Affiliate American Heart Association at Queen Mary, Long Beach. Monday-Tuesday. 16 hrs. \$225. Contact: ECEC-ACLS, 4640 Admiralty Way, Ste. 508, Marina del Rey 90291. (213) 822-1312.

October 29-November 2—Intensive Care.

STAN at Rickey's Hyatt, Palo Alto. Monday-Friday.

October 31-November 2—EMS Today.

UCSD at Holiday Inn at the Embarcadero, San Diego. Wednesday-Friday. 19 hrs.

November 12-16—Postgraduate Institute for E.R. Physicians, Symposium III.

UCSD at Holiday Inn Embarcadero, San Diego. Monday-Friday.

December 2-7—Kauai 1984 "Current Concepts in Emergency Care."

The Institute for Emergency Medical Education and the Washington Chapter of the American College of Emergency Physicians at Kauai Surf Hotel, Kauai. Sunday-Friday. 25 hrs. Contact:

(Continued on Page 465)

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CONTINUING MEDICAL EDUCATION

(Continued from Page 461)

Georgine Fleck, Kailani World Travel, 4192 Meridian Avenue, Bellingham, WA 98277-9951. (800) 426-2561.

December 10-14—**Postgraduate Institute for E.R. Physicians, Symposium II.** UCSD at La Jolla Village Inn, La Jolla. Monday-Friday. (619) 452-3940.

INTERNAL MEDICINE

October 17—**Diabetes—1984.** The Hospital of the Good Samaritan at Hyatt Regency Hotel Los Angeles, Los Angeles. Wednesday. Contact: Dolores Gay, Coordinator of Symposia, 616 South Witmer St., Los Angeles 90017. (213) 977-2352.

October 19-21—**Practical Gastroenterology and Flexible Sigmoidoscopy for the Practicing Physician.** Continuing Medical Education Associates at Vacation Village Hotel, San Diego. Friday-Sunday. Contact: Jackie Shiller, PO Box 84296, San Diego, CA 92138. (619) 223-2997.

October 24—**14th Annual Respiratory Medicine Symposium.** N. T. Enloe Memorial Hospital, Chico. Wednesday. Contact: Linda Morgado, Med. Staff Coord., N. T. Enloe Memorial Hospital, W. 5th Ave. and The Esplanade, Chico 94926. (916) 891-7300.

November 2-3—**Thyroid/Diabetes Workshop.** UCSF. Friday-Saturday.

November 2-4—**Practical Endocrinology: Workshop in Thyroid and Diabetes.** UCSF at Claremont Resort Hotel, Berkeley. Friday-Sunday. Reg. Info.: 666-5808. Program Info.: 666-4251.

November 8-10—**International Symposium on Medical Virology.** UCI at Disneyland Hotel, Anaheim. Thursday-Saturday. \$200. Contact: UCI, (714) 634-6868.

November 10—**Infectious Disease.** UCD at Holiday Inn Holidome, Sacramento. Saturday.

November 10—**Pulmonary Medicine.** UCSF at Fresno. Saturday. Contact: Sharon Balestra (209) 225-6100 Ext. 562 or 207.

November 14—**13th Annual Gastroenterology Symposium.** N. T. Enloe Memorial Hospital, Chico. Wednesday. Contact: Linda Morgado, Med. Staff Coord., N. T. Enloe Memorial Hospital, W. 5th Ave. and The Esplanade, Chico 95926. (916) 891-7300.

November 14—**Rheumatology—X-Ray of the Joints.** LLU. Wednesday.

November 16-18—**Pulmonary Medicine and Office Spirometry for P.C. Physician.** UCSD at Vacation Village Resort, San Diego. Friday-Sunday.

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November 30-December 2—**Fluid and Electrolytes.** Cedars-Sinai Medical Center at La Quinta Hotel, La Quinta. Friday-Sunday. Contact: Lore Kahane, Cedars-Sinai Medical Center, 8700 Beverly Blvd. #2049, Los Angeles 90048. (213) 855-5000.

December 7-8—**Rheumatology for the Clinician.** UCD at Capitol Plaza Holiday Inn, Sacramento. Friday-Saturday.

December 11-13—**7th Annual Midwinter Meeting of the American Endocurietherapy Society** at Wailea Beach Hotel, Maui. Tuesday-Thursday. \$250. Contact: AES, 1245 Wilshire Blvd., Ste. 217, Los Angeles 90017.

OBSTETRICS AND GYNECOLOGY

October 22-27—**Review Course in Obstetrics and Gynecology and/or Gynecologic Histopathology.** UCI. Monday-Saturday.

December 13-15—**Gynecologic Surgery.** The American College of OB/GYN at Hyatt Regency Hotel, Los Angeles. Thursday-Saturday. Contact: ACOG, Patience A. Schenck, 600 Maryland Ave., SW, Washington, DC 20024. (202) 638-5577.

OPHTHALMOLOGY

October 20—**Update for Nonophthalmologists: Ocular Diseases of Aging.** JSEI. Saturday.

November 30-December 1—**Phacoemulsification, Extracapsular Cataract Surgery & Intraocular Lenses.** Jules Stein Eye Institute at Los Angeles. Friday-Saturday.

December 7-8—**Glaucoma Management: The State of the Art.** UCSF at Hyatt Regency Hotel, San Francisco. Friday-Saturday.

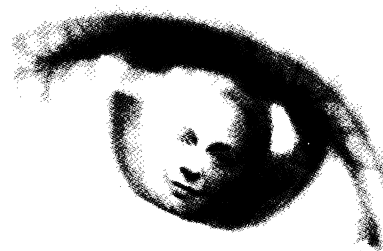
December 8—**Ophthalmology Association Clinical Meeting.** Jules Stein Eye Institute at Los Angeles. 5 hrs. Saturday. Contact: Lu Hendricks, JSEI, 800 Westwood Plaza, Los Angeles 90024. (213) 825-4617.

PATHOLOGY

November 8-10—**International Symposium on Medical Virology.** UCI at Disneyland Hotel, Anaheim. Thursday-Saturday.

PEDIATRICS

October 20-27—**9th Annual Pediatrics for the Practitioner.** Center for Health Education at Mauna Kea Beach Hotel, Hawaii. One week. Contact: Assistant Director, Center for Health Education, 2801 Atlantic Ave., PO Box 1428, Long Beach 90801. (213) 595-3811.



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AMERICAN CANCER SOCIETY

For more information, call your local ACS unit or write to the American Cancer Society, 4 West 35th St., New York, NY 10001.

CONTINUING MEDICAL EDUCATION

October 26-27—**Adolescents Inside and Out.** Children's Hospital Medical Center of Northern California and California Chapter 1 of the American Academy of Pediatrics at Doubletree Inn, Monterey. Friday-Saturday. Contact: Gretchen Hayes-Dodd, Medical Staff Office, Children's Hospital Medical Center, 51st and Grove St., Oakland 94609. (415) 428-3334.

November 10—**Physiologic Review of the Fetus and Newborn.** UCSD at Bahia Hotel, San Diego. Thursday-Saturday.

November 16-19—**Clinical Pediatrics.** California Chapters 1, 2 & 3 American Academy of Pediatrics at Las Vegas. Friday-Monday. Contact: Eve Black, Exec. Sec., PO Box 2134, Inglewood 90305. (213) 757-1198.

December 3—**Issues in Perinatal Care.** UCSF. Monday.

December 6-9—**Current Issues in Perinatal Medicine.** UCI at Marriott's Rancho Las Palmas Resort, Rancho Mirage. 14 hrs. Thursday-Sunday.

January 25-27—**23rd Annual Clinical Conference in Pediatric Anesthesiology.** See Anesthesiology, January 25-27.

PSYCHIATRY

November 9-11—**30th Annual Group Therapy Symposium.** UCSF at Golden Gateway Holiday Inn, San Francisco. Friday-Sunday.

RADIOLOGY

October 19-21—**Duplex Scanning.** Institute for Medical Studies at Holiday Inn Fisherman's Wharf, San Francisco. Friday-Sunday. Contact: Kim Stroich, IMS, 30131 Town Center Drive, Ste. 215, Laguna Niguel 92677. (714) 832-2650 or 495-4499.

October 22-26—**9th Annual San Diego Postgraduate Radiology Course.** UCSD at Hotel del Coronado, Coronado. Monday-Friday.

November 5-9—**Diagnostic Radiology Seminar.** UCSF at Maui Marriott Hotel, Hawaii. Monday-Friday.

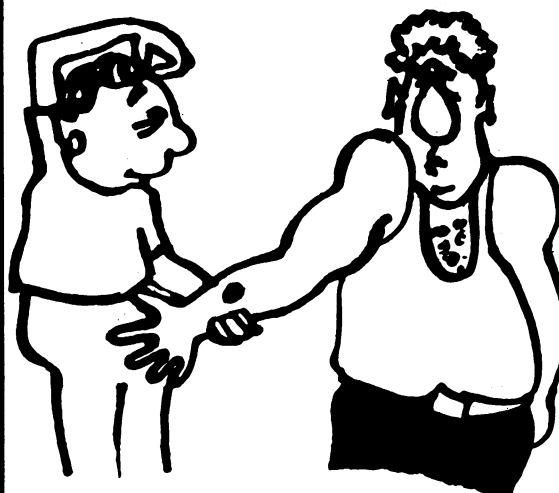
November 14—**Rheumatology—X-ray of the Joints.** LLU. Wednesday.

December 8—**Gastrointestinal Radiology.** Cedars-Sinai Medical Center at Los Angeles. Saturday. Contact: Lore Kahane, PO Box 48750, Room 2049, Los Angeles 90048. (213) 855-5547.

SPORTS MEDICINE

November 9-11—**Sports Medicine and Outpatient Orthopedics for the Primary Care Physician.** Sharp

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Memorial Hospital at Hotel Del Coronado, San Diego. Friday-Sunday. Contact: Jackie Shiller, CMEA. PO Box 84296, San Diego 92138. (619) 223-2997.

SURGERY

October 17-21—**Advanced Microsurgery Training Workshop.** UCSD. Wednesday-Sunday. \$1,200.

October 20—**Symposium on Ankylosing Spondylitis and Other Causes of Back Pain.** Cedars-Sinai Medical Center, Los Angeles. Saturday. 6 hrs. \$25. Contact: Lore Kahane, Rm 2049, Cedars-Sinai Medical Center, P.O. Box 48750, Los Angeles 90048. (213) 855-5547.

October 21-26—**American College of Surgeons Meeting** at San Francisco. Sunday-Friday. Contact: ACS, 55 E. Erie St., Chicago 60611. (312) 664-4050.

October 24—**Spinal Update 1984.** UCSF at Hyatt Regency Hotel, San Francisco. Wednesday. 18 hrs. \$295. Contact: UCSF. (415) 666-5731.

October 26-29—**Total Knee and Hip Arthroplasty "Hands On" Course.** Center for Health Education, Long Beach. Friday-Monday. 20 hrs. Contact: Center for Health Education, 2801 Atlantic Ave., PO Box 1428, Long Beach 90801. (213) 595-3811.

October 27—**Lumbar Spine and Pelvis.** UCSD at Hotel del Coronado, Coronado. Saturday.

October 28-November 9—**Temporal Bone Surgical Dissection.** House Ear Institute, Los Angeles. 2 weeks. 100 hrs. \$1,500. Contact: Antonio de la Cruz, MD, Dir. of Ed., HEI, 256 S. Lake St., Los Angeles 90057. (213) 483-4431.

October 29-November 3—**Basic Microsurgery Training Workshop.** UCSD at Surgery Research Lab, University Hospital, San Diego. Monday-Friday. \$1,200.

November 9-10—**American Academy of Facial Plastic & Reconstructive Surgery: Soft Tissue Workshops.** The San Francisco Head and Neck Surgery Foundation at Holiday Inn Union Square, San Francisco. Friday-Saturday. Contact: Cynthia Ashe, SFHNSF, 350 Parnassus Ave., Suite 502, San Francisco 94117. (415) 221-8487.

November 12-16—**Basic Microsurgery Training Workshop.** UCSD. Monday-Friday.

November 28-December 2—**Basic Microsurgery Training Workshop.** UCSD. Wednesday-Sunday.

November 31-December 2—**Bone Grafting for Maxillofacial Indications.** Plastic Surgery Research Foundation at Hotel Intercontinental, San Diego. Friday-Sunday. \$295.

December 1-8—**Temporal Bone Surgical Dissection—1984.** House Ear Institute at Los Angeles. 62 hrs. One

week. Contact: Antonio de la Cruz, MD, Director of Education, HEI, 256 South Lake St., Los Angeles 90057. (213) 483-4431

December 3-5—**Current Trends in Total Knee Arthroplasty.** American Academy of Orthopaedic Surgeons at Lake Tahoe. Monday-Wednesday. Contact: AAOS, 444 N. Michigan Ave., Chicago, IL 60611.

December 3-7—**Basic Microsurgery Training Workshop.** UCSD. Monday-Friday. 34 hrs.

December 6-9—**The Adult Hip.** American Academy of Orthopaedic Surgeons at Rancho Mirage. Thursday-Sunday. Contact: AAOS, 444 N. Michigan Ave., Chicago, IL 60611.

December 12—**Orthopedic Surgery-Arthroscopy—Diagnosis and Treatment.** LLU. Wednesday.

December 14—**A Modern Look at Trauma.** Daniel Freeman Memorial Hospital, Inglewood. Friday. 6 hrs. Contact: DFMH, Dept. of Medical Education. (213) 674-7050, Ext. 3427.

January 9—**Urology—The Prostate.** LLU. Wednesday.

January 14-18—**Microsurgery Training Workshop.** UCSD. Monday-Friday. 34 hrs. \$1,200.

OF INTEREST TO ALL PHYSICIANS

October 16-18—**Primary Medical Care of Selected Infectious Diseases.** Health Science Seminars of UCSF at Sheraton Hotel, Poipu Beach, Kauai, HI. Tuesday-Thursday. \$225. Contact: Cynthia Vaughan, Program Coordinator, PO Box 22023, San Francisco 94122. (415) 861-2713.

October 17—**Second Annual Alcohol & Drug Dependencies Symposium.** Kaiser Permanente Southern California at The Pasadena Hilton, Pasadena. Wednesday. \$90. Contact: Judy Harrison—Dept. of Clinical Services, Kaiser-Permanente Medical Care Program, 4747 Sunset Blvd., Los Angeles, CA 90027. (213) 667-4241.

October 18-21—**Clinical Biofeedback Certificate Program.** UCLA. Thursday-Sunday.

October 19-21—**Medical Mycology.** UCSF. Friday-Saturday.

October 22-25—**Primary Care Update: 69th Scientific Assembly of Interstate Postgraduate Medical Association** at MGM Grand Hotel, Las Vegas. Monday-Thursday. Contact: H. B. Maroney, (608) 257-6781.

October 25-27—**Postgraduate Institute.** CMA at Monterey Sheraton, Monterey. Thursday-Saturday. \$150—Non-member, \$100—Member. Contact: Janice Rigney (415) 863-5522 Ext. 416.

(Continued on Page 560)

DISTINCTIVE DESIGN 0.5, 1.0 and 2.0 mg

The appearance of these tablets is a registered trademark of Wyeth Laboratories.

Brief Summary of Prescribing Information.

Indications and Usage: Management of anxiety disorders or short-term relief of symptoms of anxiety or anxiety associated with depressive symptoms. Anxiety or tension associated with stress of everyday life usually does not require treatment with an anxiolytic.

Effectiveness in long-term use, i.e., more than 4 months, has not been assessed by systematic clinical studies. Reassess periodically usefulness of the drug for the individual patient.

Contraindications: Known sensitivity to benzodiazepines or acute narrow-angle glaucoma.

Warnings: Not recommended in primary depressive disorders or psychoses. As with all CNS-acting drugs, warn patients not to operate machinery or motor vehicles, and of diminished tolerance for alcohol and other CNS depressants.

Physical and Psychological Dependence: Withdrawal symptoms like those noted with barbiturates and alcohol have occurred following abrupt discontinuance of benzodiazepines (including convulsions, tremor, abdominal and muscle cramps, vomiting and sweating). Addiction-prone individuals, e.g. drug addicts and alcoholics, should be under careful surveillance when on benzodiazepines because of their predisposition to habituation and dependence. Withdrawal symptoms have also been reported following abrupt discontinuance of benzodiazepines taken continuously at therapeutic levels for several months.

Precautions: In depression accompanying anxiety, consider possibility for suicide.

For elderly or debilitated patients, initial daily dosage should not exceed 2mg to avoid oversedation. Terminate dosage gradually since abrupt withdrawal of any anti-anxiety agent may result in symptoms like those being treated: anxiety, agitation, irritability, tension, insomnia and occasional convulsions. Observe usual precautions with impaired renal or hepatic function. Where gastrointestinal or cardiovascular disorders coexist with anxiety, note that lorazepam has not been shown of significant benefit in treating gastrointestinal or cardiovascular component. Esophageal dilation occurred in rats treated with lorazepam for more than 1 year at 6mg/kg/day. No effect dose was 1.25mg/kg/day (about 6 times maximum human therapeutic dose of 10mg/day). Effect was reversible only when treatment was withdrawn within 2 months of first observation. Clinical significance is unknown; but use of lorazepam for prolonged periods and in geriatrics requires caution and frequent monitoring for symptoms of upper GI. disease. Safety and effectiveness in children under 12 years have not been established.

ESSENTIAL LABORATORY TESTS: Some patients have developed leukopenia; some have had elevations of LDH. As with other benzodiazepines, periodic blood counts and liver function tests are recommended during long-term therapy.

CLINICALLY SIGNIFICANT DRUG INTERACTIONS: Benzodiazepines produce CNS depressant effects when administered with such medications as barbiturates or alcohol.

CARCINOGENESIS AND MUTAGENESIS: No evidence of carcinogenic potential emerged in rats during an 18-month study. No studies regarding mutagenesis have been performed.

PREGNANCY: Reproductive studies were performed in mice, rats, and 2 strains of rabbits. Occasional anomalies (reduction of tarsals, tibia, metatarsals, malrotated limbs, gastroschisis, malformed skull and microphthalmia) were seen in drug-treated rabbits without relationship to dosage. Although all these anomalies were not present in the concurrent control group, they have been reported to occur randomly in historical controls. At 40mg/kg and higher, there was evidence of fetal resorption and increased fetal loss in rabbits which was not seen at lower doses. Clinical significance of these findings is not known. However, increased risk of congenital malformations associated with use of minor tranquilizers (chlordiazepoxide, diazepam and meprobamate) during first trimester of pregnancy has been suggested in several studies. Because use of these drugs is rarely a matter of urgency, use of lorazepam during this period should almost always be avoided. Possibility that a woman of child-bearing potential may be pregnant at institution of therapy should be considered. Advise patients if they become pregnant to communicate with their physician about desirability of discontinuing the drug. In humans, blood levels from umbilical cord blood indicate placental transfer of lorazepam and its glucuronide.

NURSING MOTHERS: It is not known if oral lorazepam is excreted in human milk like other benzodiazepines. As a general rule, nursing should not be undertaken while on a drug since many drugs are excreted in milk.

Adverse Reactions, if they occur, are usually observed at beginning of therapy and generally disappear on continued medication or on decreasing dose. In a sample of about 3,500 anxious patients, most frequent adverse reaction is sedation (15.9%), followed by dizziness (6.9%), weakness (4.2%) and unsteadiness (3.4%). Less frequent are disorientation, depression, nausea, change in appetite, headache, sleep disturbance, agitation, dermatological symptoms, eye function disturbance, various gastrointestinal symptoms and autonomic manifestations. Incidence of sedation and unsteadiness increased with age. Small decreases in blood pressure have been noted but are not clinically significant, probably being related to relief of anxiety.

Transient amnesia or memory impairment has been reported in association with the use of benzodiazepines.

Overdosage: In management of overdosage with any drug, bear in mind multiple agents may have been taken. Manifestations of overdosage include somnolence, confusion and coma. Induce vomiting and/or undertake gastric lavage followed by general supportive care, monitoring vital signs and close observation. Hypotension, though unlikely, usually may be controlled with Levaterenol Bitartrate Injection U.S.P. Usefulness of dialysis has not been determined.

Ativan[®]
for (lorazepam)
Anxiety

DOSAGE: Individualize for maximum beneficial effects. Increase dose gradually when needed, giving higher evening dose before increasing daytime doses. Anxiety, usually 2-3mg/day given b.i.d. or t.i.d.; dosage may vary from 1 to 10mg/day in divided doses. For elderly or debilitated, initially 1-2mg/day; insomnia due to anxiety or transient situational stress, 2-4mg h.s.

HOW SUPPLIED: 0.5, 1.0 and 2.0mg tablets.

Wyeth Laboratories
Philadelphia, PA 19101



CONTINUING MEDICAL EDUCATION

(Continued from Page 556)

October 26-28—Weekend Workshop on Stress for Physicians and Spouses. CMA at Holiday Inn, Napa. Friday-Sunday. Contact: Sandy Willett, CMA, (415) 863-5522, Ext. 418.

October 29-November 1—Interstate Postgraduate Medical Association Meeting at Las Vegas. Monday-Thursday. Contact: H. B. Maroney, Exec. Dir., PO Box 1109, Madison, WI 53701. (608) 257-6781.

November 9—New Concepts in Medicine—20th Annual Staff Seminar. California Hospital Medical Center, Los Angeles. Friday. (213) 748-2411.

November 9-11—Hawaii Medical Association Annual Meeting at Kauai Surf Hotel, Kauai. Friday-Sunday. Contact: HMA, 320 Ward Ave., Ste. 200, Honolulu, HI 96814. (808) 536-7702.

November 10—Infectious Disease. UCD at Holiday Inn Holidome, Sacramento. Saturday.

November 18—16th Annual Symposium; "The Newest Concepts in Clinical Practice." Granada Hills Community Hospital & UCLA at Sheraton-Universal Hotel, North Hollywood. Sunday. Contact: Carol Smith, Granada Hills. (818) 360-1021.

November 30-December 2—Weekend Workshops on Stress for Women Physicians—Partners Welcome. CMA at La Playa Hotel, Carmel. Friday-Sunday. Contact: Sandy Willett, CMA, (415) 863-5522, Ext. 418.

December 31—4th Annual Potpourri of Medicine Seminar. Huntington Memorial Hospital, Pasadena. Monday. 6 hrs. \$110. Contact: Med. Staff Coord., Huntington Memorial Hospital, 100 Congress St., Pasadena 91105. (818) 440-5165.

January 23-26—Annual Review in Family Medicine: Controversies and Challenges in Primary Care. Sir Francis Drake Hotel, San Francisco. Wednesday-Saturday.

January 31-February 2—Recent Advances in Geriatric Medicine: Dementia in the Elderly. UCSD at Holiday Inn at the Embarcadero, San Diego. Thursday-Saturday. 13 hrs. \$210.

IDAHO

October 18-24—Effective Diagnosis and Treatment of Infectious Diseases: An EPIC Medical Expedition. Fishing and Chukar hunting adventure on the Main Salmon River. One week. Sponsors: American Institute of Primary Care Medicine and University of Arizona College of Medicine. 24 hrs. Contact: Richard F. Paris, MD, PO Box 209, Sun Valley 83353. (208) 788-4995.

MONTANA

February 20-23—**Big Sky Pulmonary/Ski Conference.** American Lung Association of Montana at Big Sky of Montana. Contact: ALA of Montana, 825 Helena Ave., Helena 59601. (406) 442-6556.

NEW MEXICO

Information, requests for accreditation and items to be listed should be sent to the chairman of the CME Committee, New Mexico Medical Society, 303 San Mateo NE, Suite 204, Albuquerque, NM 87108 at least two months in advance. For information on CME accreditation or on the CME requirements of the New Mexico Board of Medical Examiners, please write to the above address or call (505) 266-7868.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution for current details.

October 26—**Practice Marketing Techniques.** Albuquerque. Friday. Savage Auditorium, Presbyterian Professional Building. Contact: NM Society of Internal Medicine, 303 San Mateo NE, Ste. 204, Albuquerque 97108. (505) 266-7868.

October 27—**Computers in Medical Practice.** Albuquerque. Saturday. Savage Auditorium, Presbyterian Professional Building. Contact: NM Society of Internal Medicine, 303 San Mateo NE, Ste. 204, Albuquerque 87108. (505) 266-7868.

November 2—**Los Alamos Cancer Center Annual Program.** Los Alamos. Friday. Credit hours pending. Contact: Los Alamos Cancer Center, Los Alamos 87544. (505) 662-9620.

November 9-10—**New Mexico Medical Society Interim Meeting—Sports Medicine.** Clovis. Friday-Saturday. 6 hrs. AMA Cat. I. Contact: NMMS, 303 San Mateo NE, Albuquerque 87108. (505) 266-7868.

November 15-16—**ABC's of Chronic Lung Disease in Infants, Children and Young Adults.** Albuquerque. Thursday-Friday. 17 hrs. AMA Cat. I. Contact: Winrock Medical Plaza Pediatric Pulmonary Center, 7400 Indian School Rd. NE, Albuquerque 87110. (505) 883-8217.

November 30-December 1—**Trauma Update 84.** Albuquerque. Friday-Saturday. Albuquerque Convention Center/Regent Hotel. 11 hrs. AMA Cat. I. Contact: Office of CME, UNM SOM, Albuquerque 87131. (505) 277-3942.

January 23-27—**New Mexico Metabolism Symposium.** Taos. Wednesday-Sunday. Tennis Ranch. 12 hrs. AMA Cat. I. Contact: Office of CME, Lovelace Medical Center, 5400 Gibson SE, Albuquerque 87106. (505) 262-7353.

February 1-3—**Advances in Internal Medicine V.** Albuquerque. Friday-Sunday. 15 hrs. AMA Cat. I. Veterans Administration Medical Center. Contact: Office of CME, UNM SOM, Albuquerque 87131. (505) 277-3942.

February 14-15—**Cardiovascular Ultrasonic Flowmetry.** Albuquerque. Thursday-Friday. 11½ hrs. AMA Cat. I. Contact: Lovelace Medical Foundation, 5400 Gibson Blvd. SE, Albuquerque 87108. (505) 262-7155.

February 21-23—**18th Annual OB/GYN Postgraduate Seminar.** Albuquerque. Thursday-Saturday. AMFAC Hotel. 15 hrs. AMA Cat. I. Contact: Office of CME, UNM SOM, Albuquerque 87131. (505) 277-3942.

March 15-16—**Primary Care Orthopaedics.** Albuquerque. Friday-Saturday. AMFAC Hotel. 15 hrs. AMA Cat. I. Contact: Office of CME, UNM SOM, Albuquerque 87131. (505) 277-3942.

April 11-13—**Seventh Annual Pediatric Cardio-Pulmonary Update.** Thursday-Saturday. AMFAC Hotel. 15 hrs. AMA Cat. I. Contact: Office of CME, UNM SOM, Albuquerque 87131. (505) 277-3942.

OREGON

The following list of continuing medical offerings in the state of Oregon is compiled by the Oregon Medical Association's Council on Medical Education. If you wish to submit information regarding future postgraduate courses, please submit the information to James A. Kronenberg, Associate Executive Director, Oregon Medical Association, 5210 SW Corbett Ave., Portland, OR 97201, or phone (503) 226-1555.

MEDICAL GRAND ROUNDS

Douglas Community Hospital, 738 West Harvard Avenue, Roseburg 97470:

Every Monday, 12:30 p.m. Contact: Robert A. Driver, MD, Douglas Community Hospital, 738 West Harvard Avenue, Roseburg, OR 97470. (503) 673-6641.

CONTACT INFORMATION

OHSU-CME—Contact: Division of Continuing Medical Education, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8700.

Books Received

Books received by THE WESTERN JOURNAL OF MEDICINE are acknowledged in this column. Selections will be made for more extensive review in the interest of readers as space permits.

ADULT ORTHOPAEDICS—2 Volumes—Edited by Richard L. Cruess, MD, Dean, Faculty of Medicine, and Professor of Surgery, McGill University; Senior Orthopaedic Surgeon, Royal Victoria Hospital, and Chief Surgeon, Shriners Hospital for Crippled Children; and William R. J. Rennie, MD, Associate Professor of Surgery, McGill University; Senior Orthopaedic Surgeon, Royal Victoria Hospital, and Attending Surgeon, Shriners Hospital for Crippled Children, Montreal; with 38 contributors. Churchill Livingstone, 1560 Broadway, New York, NY 10036, 1984. 1,510 pages, \$149.00.

ARTERIAL SURGERY—Vol 8 in Clinical Surgery International Series—Edited by John J. Bergan, MD, Magerstadt Professor of Surgery and Chief, Division of Vascular Surgery, Northwestern University, Chicago. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1984. 224 pages, \$39.00.

BASIC & CLINICAL PHARMACOLOGY—Second Edition—Edited by Bertram G. Katzung, MD, PhD, Professor of Pharmacology, University of California, San Francisco. Lange Medical Publications, Drawer L, Los Altos, CA 94022, 1984. 888 pages, \$26.00.

CHILD NEUROLOGY—A CLINICAL MANUAL—Edited by Bruce O. Berg, MD, Professor of Neurology and Pediatrics and Director of Child Neurology, University of California, San Francisco. Jones Medical Publications, 355 Los Cerros Dr., Greenbrae, CA 94904, 1984. 307 pages, \$16.95 (paperback).

CLINICAL PHARMACOLOGY OF SKIN DISEASE—Volume 7 in Monographs in Clinical Pharmacology—David R. Bickers, MD, Professor and Chairman; Paul G. Hazen, MD, Assistant Clinical Professor, and William S. Lynch, MD, Assistant Professor, Department of Dermatology, Case Western Reserve University School of Medicine, Cleveland. Churchill Livingstone, 1560 Broadway, New York, NY 10036, 1984. 312 pages, \$39.50.

COLOR ATLAS OF GERIATRIC MEDICINE—Asif Kamal, MBBS, MRCP, Consultant Physician in Geriatric Medicine, St George's Hospital, Lincoln; and J. C. Brocklehurst, MD, MSc, FRCP, Professor of Geriatric Medicine, University of Manchester, England. Medical Economics Books, Oradell, NJ 07649, 1984. 169 pages, \$59.95.

COLOR ATLAS OF THE NEWBORN—R. D. G. Milner, MA, MD, PhD, ScD, FRCP, Professor and Head, and S. M. Herber, MB, BCh, MRCP, Clinical Research Fellow, Department of Pediatrics, University of Sheffield, England. Medical Economics Books, Oradell, NJ, 07649, 1984. 131 pages, \$44.95.

COMPREHENSIVE APPROACHES TO THE BURNED PERSON—Edited by Norman R. Bernstein, MD, Professor of Psychiatry, University of Illinois, and Consultant, University of Chicago Burn Center, and Martin C. Robson, MD, Professor of Surgery (Plastic and Reconstructive), University of Chicago, and Director, University of Chicago Burn Center. Medical Examination Publishing Co, Inc, 3003 New Hyde Park Rd., New Hyde Park, NY 11040, 1983. 290 pages, no price given (paperback).

DEATH IN THE LOCKER ROOM—STERIODS & SPORTS—Bob Goldman, Fellow in Sports Medicine, Chicago College of Osteopathic Medicine; Patricia Bush, PhD, Assistant Professor, Georgetown University School of Medicine, Washington, DC, and Ronald Katz, DO, Staff Physician, Chicago College of Osteopathic Medicine. Icarus Press, Inc, PO Box 1225, South Bend, IN 46624. 359 pages, \$19.95 (clothbound).

DISASTER MEDICINE—APPLICATION FOR THE IMMEDIATE MANAGEMENT AND TRIAGE OF CIVILIAN AND MILITARY DISASTER VICTIMS—Edited by Frederick M. Burkle, Jr, MD, MPH, Director, Division of Emergency Medical Services, Children's Hospital Medical Center of Akron, and Associate Professor of Pediatrics, Northeastern Ohio Universities College of Medicine, Rootstown, Ohio; Maj. Patricia H. Sanner, MD, Course Director and Faculty, Battlefield Medicine Course, USAF School of Aerospace Medicine, Brooks AFB, Texas, and Col Barry W. Wolcott, MD, Chief of Emergency Medicine, Ft. Lewis, Washington. Medical Examination Publishing Co, Inc, 3003 New Hyde Park Rd, New Hyde Park, NY 11040. 370 pages, no price given (paperback).

FUNDAMENTALS OF NUCLEAR MEDICINE—Edited by Naomi P. Alazraki, MD, Chief, Nuclear Medicine Service, VA Medical Center, and Professor of Radiology, University of Utah Medical School, Salt Lake City, and Fred S. Mishkin, MD, Director of Nuclear Medicine, King/Drew Medical Center, and Professor of Radiology, Drew Postgraduate School of Medicine, Los Angeles. The Society of Nuclear Medicine, Inc, 475 Park Ave South, New York, NY 10016, 1984. 175 pages, price not given (paperback).

HOW TO READ AN ECG—Third Ed—Margaret G. Blowers, RN, BSN, Instructor in intensive coronary care and respiratory nursing care, Nursing Dept, Hackensack Medical Center; and Roberta Smith Sims, RN, MEd, former instructor in intensive coronary care, ECGs and arrhythmias for the Continuing Education Department, Hackensack Medical Center, Hackensack, NJ. Medical Economics Books, Box C-779, Pratt Station, Brooklyn, NY 11205, 1984. 58 pages, \$11.95 plus \$1.50 handling charge.

KEY FACTS IN OPHTHALMOLOGY—George W. Weinstein, MD, Professor and Chairman; V.K. Raju, MD, FRCS, FACS, Associate Professor and Assistant Chairman; Larry Schwab, MD, Assistant Professor; Gary T. Rafter, MD, Assistant Professor, and David E. Swanson, MD, Assistant Professor, Department of Ophthalmology, West Virginia University School of Medicine, Morgantown. Churchill Livingstone, Inc, 1560 Broadway, New York, NY 10036, 1984. 334 pages, \$27.00 (paperback).

INTRA-RENAL SURGERY—Edited by J. E. A. Wickham, MS, MB, BSc, FRCS, Director of the Academic Unit, Institute of Urology, University of London; Surgeon, St Peter's Hospitals; Senior Consultant Urologist, St Bartholomew's Hospital, London. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1984. 315 pages, \$49.00.

LUPUS: THE BODY AGAINST ITSELF—Updated and Revised Edition—Sheldon Paul Blau, MD, Director, Division of Rheumatic Diseases, Nassau County Medical Center, and Clinical Professor of Medicine, School of Medicine, State University of New York, Stony Brook, New York, and Dodi Schultz. Doubleday & Company, Inc, 245 Park Ave, New York, NY 10167, 1984. 125 pages, \$12.95.

CONTINUING MEDICAL EDUCATION

Emanuel Hospital, 2801 N. Gantenbein Street, Portland 97227:

Every Friday, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds.** Contact: Philipa McClure, Emanuel Hospital, 2801 N. Gantenbein Street, Portland, OR 97227. (505) 280-3200.

Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland 97210:

Every Wednesday, 8:00 a.m. to 9:00 a.m. **Medicine Grand Rounds.** Contact: Chris Cobb, Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland, OR 97201. (503) 229-7111.

Providence Medical Center, 4805 NE Glisan, Portland 97213:

Every Wednesday, 8:00 a.m. **Medical Grand Rounds.** Contact: Richard Wernick, MD, Providence Medical Center, 4805 NE Glisan, Portland, OR 97213. (503) 230-6085.

Sacred Heart General Hospital, 1200 Alder Street, Eugene, OR 97440:

Every Tuesday, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds.** Hospital Auditorium. Contact: Medical Education Committee. PO Box 10905, Eugene, OR 97440.

Salem Hospital, 665 Winter Street SE, Salem 97301:

First and third Thursday of each month 7:15 a.m. to 8:15 a.m. **Medical Live Audit Conference.** Memorial Auditorium. Contact: Diane Eyerly, Salem Hospital, 665 Winter Street SE, Salem, OR 97301. (503) 370-5339.

Every Friday, 7:30 a.m. to 8:30 a.m. **Friday Grand Rounds.** Memorial Auditorium. Contact: Diane Eyerly, Salem Hospital, 665 Winter Street SE, Salem, OR 97301. (503) 370-5339.

St. Vincent Hospital & Medical Center, 9205 SW Barnes Road, Portland 97225:

First, third, fourth and fifth Wednesday of each month, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds.** Souther Auditorium. Contact: Bonnie Conger, Secretary to Dr Kenneth Melvin, St. Vincent Hospital & Medical Center, 9205 SW Barnes Road, Portland 97225. (503) 297-4411, Ext. 2230

Oregon Health Sciences University, Department of Psychiatry, Portland 97201:

(Continued on Page 568)

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XANAX® Tablets
(alprazolam) ©

CONTRAINDICATIONS

Patients with sensitivity to this drug or other benzodiazepines and in acute narrow angle glaucoma.

WARNINGS

Not of value in psychotic patients. Caution patients against hazardous occupations requiring complete mental alertness and about the simultaneous ingestion of alcohol and other CNS depressant drugs.

Benzodiazepines can cause fetal harm in pregnant women. Warn patients of the potential hazard to the fetus. Avoid during the first trimester.

PRECAUTIONS

General: The dosage of XANAX Tablets should be reduced or withdrawn gradually, since withdrawal seizures have been reported upon abrupt withdrawal. If XANAX is combined with other psychotropics or anticonvulsant drugs, consider drug potentiation. (See Drug Interaction section.) Exercise the usual precautions regarding size of the prescription for depressed or suicidal patients. In elderly and debilitated patients, use the lowest possible dosage. (See Dosage and Administration.) Observe the usual precautions in treating patients with impaired renal or hepatic function.

Information for Patients: Alert patients about: (a) consumption of alcohol and drugs, (b) possible fetal abnormalities, (c) operating machinery or driving, (d) not increasing dose of the drug due to risk of dependence, (e) not stopping the drug abruptly. **Laboratory Tests:** Not ordinarily required in otherwise healthy patients. **Drug Interactions:** Additive CNS depressant effects with other psychotropics, anticonvulsants, antihistamines, ethanol and other CNS depressants. Pharmacokinetic interactions with benzodiazepines have been reported. **Drug/Laboratory Test Interactions:** No consistent pattern for a specific drug or specific test. **Carcinogenesis, Mutagenesis, Impairment of Fertility:** No carcinogenic potential or impairment of fertility in rats. **Pregnancy:** See Warnings. **Nonteratogenic Effects:** The child born of a mother on benzodiazepines may be at some risk for withdrawal symptoms and neonatal flaccidity. **Labor and Delivery:** No established use. **Nursing Mothers:** Benzodiazepines are excreted in human milk. Women on XANAX should not nurse. **Pediatric Use:** Safety and effectiveness in children below the age of 18 have not been established.

ADVERSE REACTIONS

Side effects are generally observed at the beginning of therapy and usually disappear with continued medication. In the usual patient, the most frequent side effects are likely to be an extension of the pharmacological activity of XANAX, e.g., drowsiness or lightheadedness.

Central nervous system: Drowsiness, lightheadedness, depression, headache, confusion, insomnia, nervousness, syncope, dizziness, akathisia, and tiredness/sleepiness.

Gastrointestinal: Dry mouth, constipation, diarrhea, nausea/vomiting, and increased salivation.

Cardiovascular: Tachycardia/palpitations, and hypotension.

Sensory: Blurred vision.

Musculoskeletal: Rigidity and tremor.

Cutaneous: Dermatitis/allergy.

Other side effects: Nasal congestion, weight gain, and weight loss.

In addition, the following adverse events have been reported with the use of anxiolytic benzodiazepines: dystonia, irritability, concentration difficulties, anorexia, loss of coordination, fatigue, sedation, slurred speech, jaundice, musculoskeletal weakness, pruritus, diplopia, dysarthria, changes in libido, menstrual irregularities, incontinence and urinary retention.

Paradoxical reactions such as stimulation, agitation, increased muscle spasticity, sleep disturbances, and hallucinations may occur. Should these occur, discontinue the drug.

During prolonged treatment, periodic blood counts, urinalysis, and blood chemistry analysis are advisable. Minor EEG changes, of unknown significance, have been observed.

DRUG ABUSE AND DEPENDENCE

Physical and Psychological Dependence: Withdrawal symptoms have occurred following abrupt discontinuance of benzodiazepines. Withdrawal seizures have occurred upon rapid decrease or abrupt discontinuation of therapy. In all patients, dosage should be gradually tapered under close supervision. Patients with a history of seizures or epilepsy should not be abruptly withdrawn from XANAX. Addition-prone individuals should be under careful surveillance. **Controlled Substance Class:** XANAX is a controlled substance and has been assigned to schedule IV.

DOSAGE AND ADMINISTRATION

The usual starting dose is 0.25 to 0.5 mg, t.i.d. Maximum total daily dose is 4 mg. In the elderly or debilitated, the usual starting dose is 0.25 mg, two or three times daily. Reduce dosage gradually when terminating therapy, by no more than one milligram every three days.

CAUTION: FEDERAL LAW PROHIBITS DISPENSING WITHOUT PRESCRIPTION.

B-3-S

Upjohn THE UPJOHN COMPANY
Kalamazoo, Michigan 49001 USA

CONTINUING MEDICAL EDUCATION

(Continued from Page 562)

Every Wednesday, 4:00 p.m. to 5:00 p.m. **Department of Psychiatry Grand Round Presentations.** Room 8B-60, University Hospital South,

Oregon Health Sciences University. Contact: Dept. of Psychiatry, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8144.

Oregon Health Sciences University, Department of Medicine, Portland 97201:

Every Tuesday, 8:00 a.m. to 9:00 a.m. **Department of Medicine Grand Rounds.** U.H.S.-8B-60, Oregon Health Sciences University. Contact: Dept. of Medicine, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8607.

FAMILY PRACTICE GRAND ROUNDS

Every Wednesday, 11:00 a.m. to 12:00 Noon. **Family Practice Grand Rounds.** Family Practice Center, Oregon Health Sciences University, Portland. Contact: William A. Fisher, MD, Oregon Health Sciences University, Department of Family Practice, Portland, OR 97201. (503) 225-7590.

CARDIOLOGY

October 19-21—**The Salishan Conference: Cardiology.** Gleneden Beach. Friday-Sunday. Salishan Lodge. Contact: OMSU-CME.

EMERGENCY MEDICINE

November 15-16—**Symposium on Critical Care Medicine.** Portland. Thursday-Friday. Red Lion-Jantzen Beach. Contact: OHSU-CME.

INTERNAL MEDICINE

December 7-8—**Internal Medicine Update 1984.** Portland. Friday-Saturday. Marriott. Contact: OHSU-CME.

OBSTETRICS AND GYNECOLOGY

October 25-27—**Pacific Northwest Review of Obstetrics and Gynecology.** Portland. Thursday-Saturday. Red Lion-Jantzen Beach. Contact: OHSU-CME.

(Continued on Page 572)

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OF INTEREST TO ALL PHYSICIANS

October 19-21—**The Salishan Conference: Cardiology.** Gleneden Beach. Friday-Sunday. Salishan Lodge. Contact: OHSU-CME.

November 30-December 1—**Soft Tissue Surgery.** Portland. Friday-Saturday. OHSU Campus. Contact: OHSU-CME.

UTAH

This listing of continuing medical education courses in Utah is compiled and edited by the CME office of the Utah State Medical Association. All courses listed have been certified by CME accredited institutions as meeting the criteria for Category 1 of the Physician's Recognition Award of the American Medical Association. They also must meet the definition of Utah Approved CME Credit for the purpose of medical license reregistration in Utah. Accredited institutions wishing to list AMA Category 1/Utah Approved CME courses here should send information at least two months in advance to the Office of Continuing Medical Education, 540 East Fifth South, Salt Lake City, Utah 84102; or phone (801) 355-5290. For information on CME accreditation or on the CME requirements of the Utah Physicians' Licensing Board, please write the CME office at the above address.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution or the CME office for current details.

SPONSORS OF COURSES—ABBREVIATIONS

- AF: Arthritis Foundation, 1174 East 2700 South, Salt Lake City 84117. (801) 466-9389.
- CH: Castleview Hospital (formerly Carbon Hospital), RFD 2, Box 46, Price, UT 84501. (801) 637-4800.
- CWH: Cottonwood Hospital, 5770 South 300 East, Salt Lake City 84101. (801) 262-3461.
- FHP: Family Health Program/Utah, 323 South Sixth East, Salt Lake City 84102. (801) 335-1234. Contact: Kay Schultz for course information.
- HAFB: Hill Air Force Hospital, Hill Air Force Base 84406. (801) 777-1262.

- HCH: Holy Cross Hospital, 1045 East First South, Salt Lake City 84102. (801) 350-4744.
- LDSH: Latter-Day Saints Hospital, 325 8th Avenue, Salt Lake City 84143. (801) 350-1100.
- MDH: McKay-Dee Hospital Center, 3939 Harrison Blvd., Ogden 84409. (801) 399-4141.
- OEH: Rocky Mountain Center for Occupational and Environmental Health, 50 North Medical Drive, Salt Lake City 84132. (801) 581-8719.
- OSS: Ogden Surgical Society, PO Box 9311, Ogden 84409.
- PCMC: Primary Children's Medical Center, 320 12th Ave., Salt Lake City 84103. (801) 363-1221.
- SHCC: Shriners Hospital for Crippled Children, Intermountain Unit, Fairfax Ave. at Virginia St., Salt Lake City 84103. (801) 532-5307.
- SLSC: Salt Lake Surgical Center, 617 East 3900 South, Salt Lake City 84117. (801) 261-3141.
- UAFP: Utah Academy of Family Physicians, 1146 Westminster Ave., Salt Lake City 84105. (801) 466-9478.
- UUMC: University of Utah Medical Center, 50 North Medical Drive, Salt Lake City 84132. (801) 581-2258.
- USMA: Utah State Medical Association, 540 East Fifth South, Salt Lake City 84102. (801) 355-7477.
- UVH: Utah Valley Hospital, 1034 North Fifth West, Provo 84601. (801) 373-7850.
- VAMC: Veterans Administration Medical Center, 500 Foothill Drive, Salt Lake City 84148. (801) 582-1565.

MEDICAL GRAND ROUNDS

Each Wednesday—8:00-9:00 a.m. Alternating between University of Utah Medical Center and VA Medical Center, Salt Lake City. Contact: William D. Odell, MD, PhD, Professor and Chairman, Dept. of Internal Medicine, Univ. of Utah, (801) 581-7606.

* * *

November 30—**Sleep Disorders: A Clinical Approach** (Sponsor: University of Utah/Pulmonary Division, LDS Hospital). Friday. Marriott Hotel, Salt Lake City. Credit and fee to be announced. Contact: DuWayne Schmidt, MD, (801) 321-1100.

February 9-16—**8th Annual Update in Clinical Microbiology/Immunology** (Sponsor: University of Utah). Saturday-Saturday. Park City. Fee to be announced. 25 hrs. Contact: John Matsen, MD, (801) 581-7480.

(Continued on Page 574)

MEDICAL PRACTICES - BUYING or SELLING WANTED - GENERAL, IND. MED., ALL SPECIALTY PRACTICES

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NO. CALIFORNIA 1428 Irving St., San Francisco, CA 94122 (415) 661-0700

(Continued from Page 570)

PRACTICES AVAILABLE

CALIFORNIA AND WESTERN STATES. HIGH INCOME practices for sale: Ophthalmology, Orthopedics, Radiology, OB/GYN, Psychiatry, Internal, Family, Pediatric, others. Mary Bradshaw, Professional Practice Opportunities, 21 Altamont Drive, Orinda, CA 94563; (415) 376-0762. Sales, Appraisals, Consulting, Placement, Résumé preparation service.

WENATCHEE, WASHINGTON FAMILY PRACTICE: Physician retiring after 40 years. Fully equipped office and nurse to remain to insure success. Beautiful location summer and winter. Outstanding medical facilities in city. Contact—Dr. R.E. Bolton at (509) 662-8213 or 662-8117.

DERMATOLOGY—Southern California, Practice for sale. Established practice in prestigious county. Gross \$193K. Beautiful 1,500 sq. ft. suite. Full price \$125K. Professional Practice Sales (714) 832-0230.

FOR SALE—Established General Practice near San Francisco. Please Reply to Box 6448, Western Journal of Medicine, 44 Gough St., San Francisco, CA 94103.

Motrin® Tablets (ibuprofen)

Contraindications: Anaphylactoid reactions have occurred in individuals hypersensitive to Motrin Tablets or with the syndrome of nasal polyps, angioedema and bronchospastic reactivity to aspirin, iodides, or other nonsteroidal anti-inflammatory agents.

Warnings: Peptic ulceration and GI bleeding, sometimes severe, have been reported. Ulceration, perforation and bleeding may end fatally. An association has not been established. Use Motrin Tablets under close supervision in patients with a history of upper gastrointestinal tract disease, after consulting ADVERSE REACTIONS. In patients with active peptic ulcer and active rheumatoid arthritis, try nonulcerogenic drugs, such as gold. If Motrin Tablets are used, observe the patient closely for signs of ulcer perforation or GI bleeding.

Chronic studies in rats and monkeys have shown mild renal toxicity with papillary edema and necrosis. Renal papillary necrosis has rarely been shown in humans treated with Motrin Tablets.

Precautions: Blurred and/or diminished vision, scotomata, and/or changes in color vision have been reported. If these develop, discontinue Motrin Tablets and the patient should have an ophthalmologic examination, including central visual fields and color vision testing.

Fluid retention and edema have been associated with Motrin Tablets; use with caution in patients with a history of cardiac decompensation or hypertension. In patients with renal impairment, reduced dosage may be necessary. Prospective studies of Motrin Tablets safety in patients with chronic renal failure have not been done.

Motrin Tablets can inhibit platelet aggregation and prolong bleeding time. Use with caution in persons with intrinsic coagulation defects and on anticoagulant therapy.

Patients should report signs or symptoms of gastrointestinal ulceration or bleeding, skin rash, weight gain, or edema.

Patients on prolonged corticosteroid therapy should have therapy tapered slowly when Motrin Tablets are added.

The antipyretic, anti-inflammatory activity of Motrin Tablets may mask inflammation and fever.

As with other nonsteroidal anti-inflammatory drugs, borderline elevations of liver tests may occur in up to 15% of patients. These abnormalities may progress, may remain essentially unchanged, or may be transient with continued therapy. Meaningful elevations of SGPT or SGOT (AST) occurred in controlled clinical trials in less than 1% of patients. Severe hepatic reactions, including jaundice and cases of fatal hepatitis, have been reported with ibuprofen as with other nonsteroidal anti-inflammatory drugs. If liver disease develops or if systemic manifestations occur (e.g. eosinophilia, rash, etc.), Motrin should be discontinued.

Drug interactions: Aspirin: used concomitantly may decrease Motrin blood levels.

Coumarin: bleeding has been reported in patients taking Motrin and coumarin.

Pregnancy and nursing mothers: Motrin should not be taken during pregnancy or by nursing mothers.

Adverse Reactions: The most frequent type of adverse reaction occurring with Motrin is gastrointestinal of which one or more occurred in 4% to 16% of the patients.

Incidence Greater than 1% (but less than 3%)—Probable Causal Relationship

Gastrointestinal: Nausea* epigastric pain* heartburn* diarrhea, abdominal distress, nausea and vomiting, indigestion, constipation, abdominal cramps or pain, fullness of GI tract (bloating and flatulence); **Central Nervous System:** Dizziness* headache, nervousness; **Dermatologic:** Rash* (including maculopapular type), pruritus; **Special Senses:** Tinnitus; **Metabolic/Endocrine:** Decreased appetite; **Cardiovascular:** Edema, fluid retention (generally responds promptly to drug discontinuation; see PRECAUTIONS).

Incidence less than 1%—Probable Causal Relationship**

Gastrointestinal: Gastric or duodenal ulcer with bleeding and/or perforation, gastrointestinal hemorrhage, melena, gastritis, hepatitis, jaundice, abnormal liver function tests; **Central Nervous System:** Depression, insomnia, confusion, emotional lability, somnolence, aseptic meningitis with fever and coma; **Dermatologic:** Vesiculobullous eruptions, urticaria, erythema multiforme, Stevens-Johnson syndrome, alopecia; **Special Senses:** Hearing loss, amblyopia (blurred and/or diminished vision, scotomata, and/or changes in color vision) (see PRECAUTIONS); **Hematologic:** Neutropenia, agranulocytosis, aplastic anemia, hemolytic anemia (sometimes Coombs positive), thrombocytopenia with or without purpura, eosinophilia, decreases in hemoglobin and hematocrit; **Cardiovascular:** Congestive heart failure in patients with marginal cardiac function, elevated blood pressure, palpitations; **Allergic:** Syndrome of abdominal pain, fever, chills, nausea and vomiting; anaphylaxis; bronchospasm (see CONTRAINDICATIONS); **Renal:** Acute renal failure in patients with pre-existing significantly impaired renal function, decreased creatinine clearance, polyuria, azotemia, cystitis, hematuria; **Miscellaneous:** Dry eyes and mouth, gingival ulcer, rhinitis.

Incidence less than 1%—Causal Relationship Unknown**

Gastrointestinal: Pancreatitis; **Central Nervous System:** Paresthesias, hallucinations, dream abnormalities, pseudotumor cerebri; **Dermatologic:** Toxic epidermal necrolysis, photoallergic skin reactions; **Special Senses:** Conjunctivitis, diplopia, optic neuritis; **Hematologic:** Bleeding episodes (e.g., epistaxis, menorrhagia); **Metabolic/Endocrine:** Gynecomastia, hypoglycemic reaction; **Cardiovascular:** Arrhythmias (sinus tachycardia, sinus bradycardia); **Allergic:** Serum sickness, lupus erythematosus syndrome, Henoch-Schönlein vasculitis; **Renal:** Renal papillary necrosis.

*Reactions occurring in 3% to 9% of patients treated with Motrin. (Those reactions occurring in less than 3% of the patients are unmarked.)

**Reactions are classified under "Probable Causal Relationship (PCR)" if there has been one positive rechallenge or if three or more cases occur which might be causally related. Reactions are classified under "Causal Relationship Unknown" if seven or more events have been reported but the criteria for PCR have not been met.

Overdosage: In cases of acute overdosage, the stomach should be emptied. The drug is acidic and excreted in the urine so alkaline diuresis may be beneficial.

Dosage and Administration: Rheumatoid arthritis and osteoarthritis. Suggested dosage is 300, 400, or 600 mg t.i.d. or q.i.d. Do not exceed 2400 mg per day. Mild to moderate pain: 400 mg every 4 to 6 hours as necessary.

Caution: Federal law prohibits dispensing without prescription.

MED B-7S

Motrin is a registered trademark of The Upjohn Manufacturing Company.

Upjohn The Upjohn Company
Kalamazoo, Michigan 49001

CONTINUING MEDICAL EDUCATION

(Continued from Page 572)

February 12-15—14th Annual Family Practice Refresher Course (Sponsor: University of Utah). Tuesday-Friday. Salt Lake City. Fee to be announced. 28 hrs. Contact: Linda Twitchell, (801) 581-8633.

February 17-20—26th Annual Ob/Gyn Update (Sponsor: University of Utah). Sunday-Wednesday. Park City Holiday Inn/Yarrow. Fee to be announced. 14 hrs. Contact: Maria Vescio, (801) 581-7647.

February 20-23—Reproductive Endocrinology and Infertility (Sponsor: University of Utah). Wednesday-Saturday. Park City Holiday Inn/Yarrow. Fee to be announced. 14 hrs. Contact: Maria Vescio, (801) 581-7647.

February 22-26—30th Annual Postgrad Course in Anesthesiology (Sponsor: University of Utah). Friday-Tuesday. Salt Lake City. Fee to be announced. 16 hrs. Contact: Vicky Larsen, (801) 581-6115.

February 25-March 1—Advances in Internal Medicine (Sponsor: University of Utah). Monday-Friday. Snowbird. Fee to be announced. 25 hrs. Contact: Malcolm Berenson, MD, (801) 581-3581.

March 4-8—Medical and Surgical Advances in Gastroenterology (Sponsor: University of Utah). Monday-Friday. Snowbird. Fee to be announced. 25 hrs. Contact: Malcolm Berenson, MD, (801) 581-3581.

WASHINGTON

This listing of continuing medical education programs in Washington state is compiled by the Washington State Medical Association. To list Category 1 programs here please send information at least two months in advance to Continuing Medical Education, Washington State Medical Association, 2033 Sixth Avenue, Suite 900, Seattle, WA 98121; or phone (206) 623-4801.

Brochures and Registration Forms are available from the contact person or organization listed at the end of each course or in the list of course sponsors and contact information.

COURSE SPONSORS AND CONTACT INFORMATION

CME HARBORVIEW—Contact: Gayle Splater, Cytology Continuing Education, Dept. of Pathology, Harborview Medical Center, 325 Ninth Avenue, Seattle, WA 98104. (206) 223-5953.

CME PIERCE COUNTY—Contact: Mrs Maxine Bailey, Executive Director, College of Medical Education, 705 South Ninth, No. 203, Tacoma, WA 98405. (206) 627-7137.

U/W (UNIVERSITY OF WASHINGTON)—Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

VMMC (VIRGINIA MASON MEDICAL CENTER)—Contact: Linda Orgel, Division of Continuing Medical Education, Virginia Mason Medical Center, PO Box 900, Seattle, WA 98111. (206) 223-6898.

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October 15—**What's New in Peds Adolescent Medicine and Surgery.** Walla Walla. Monday. St. Mary's Community Hospital. Contact: U/W.

October 16—**Treatment Alternatives to Breast Cancer.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

October 16—**What's New in Peds Adolescent Medicine and Surgery.** Richland. Tuesday. Cavanagh's Motor Inn. Contact: U/W.

October 17—**What's New in Peds Adolescent Medicine and Surgery.** Yakima. Wednesday. Yakima Memorial Hospital. Contact: U/W.

October 18—**What's New in Peds Adolescent Medicine and Surgery.** Wenatchee. Thursday. Central Washington Hospital. Contact: U/W.

October 19—**Post-Mastectomy Breast Reconstruction.** Seattle. Friday. Riverton Hospital. Contact: U/W.

October 19—**Annual Cancer Conference: Early Screening and Detection.** Seattle. Friday. Contact: VMMC.

October 20—**Medical Alumni Day.** Seattle. Saturday. U/W Health Sciences. Contact: U/W.

October 25-26—**Advances in Internal Medicine.** Seattle. Thursday-Friday. Museum of History and Industry. Contact: U/W.

October 26—**Evaluation of Bleeding Patients.** Seattle. Friday. Riverton Hospital. Contact: U/W.

November 1-2—**Washington Chapter—American College of Emergency Physicians.** Seattle. Thursday-Friday. Four Seasons Olympic Hotel. Contact: Patti Smith, WACEP, 2033 Sixth Ave., #900, Seattle 98121. (206) 623-4801.

November 1-2—**Drug Therapy.** Seattle. Thursday-Friday. HUB-Upper Campus. Contact: U/W.

November 2—**Head and Neck Pain.** Seattle. Friday. Riverton Hospital. Contact: U/W.

November 2-3—**Asbestos Related Lung Disease.** Seattle. Friday-Saturday. Contact: Ed Oshiro, Medical Education, Group Health Cooperative, 201 16th Ave E, Seattle 98112. (206) 326-7348.

November 8-9—**Alzheimer's.** Seattle. Thursday-Friday. Westin. Contact: U/W.

November 9—**GI Update.** Seattle. Friday. Contact: VMMC.

November 9—**Rehab Stroke Victim.** Seattle. Friday. Riverton Hospital. Contact: U/W.

November 9-10—**Microcomputers in Rehabilitation.** Seattle. Friday-Saturday. U/W Health Sciences. Contact: U/W.

November 14-16—**Hyperthermia in Cancer Therapy.** Seattle. Wednesday-Friday. U/W South Campus Center. Contact: U/W.

November 17-24—(HAWAII) **Medicine and Society in History.** One week. Inter-Continental Maui, Maui. Contact: U/W.

November 20—**Management of Thyroid Diseases.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

November 29-30—**Organ Failure and Organ Transplantation.** Seattle. Thursday-Friday. Mayflower Park Hotel. Contact: U/W.

November 30—**DX and Rx Syphilis.** Seattle. Friday. Riverton Hospital. Contact: U/W.

December 1—**Radiology for Attorneys.** Seattle. Saturday. U/W Health Sciences. Contact: U/W.

December 6-7—**Aging and Elderly.** Seattle. Thursday-Friday. Westin. Contact: U/W.

December 7—**Practical Pediatrics.** Seattle. Friday. Contact: VMMC.

December 7—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

December 8—**Radiology Northwest.** Seattle. Saturday. U/W Health Sciences. Contact: U/W.

December 13-14—**Advances in Internal Medicine.** Seattle. Thursday-Friday. Sheraton. Contact: U/W.

December 14—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

December 18—**Fever of Unknown Origin.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

December 21—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

December 26-January 2—(HAWAII) **Medicine, Magic and Religion.** Maui. Wednesday-Wednesday. Royal Lahaina. Contact: U/W.

January 4—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

January 11—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

January 11—**Treatable Hepato-Biliary Disease.** Seattle. Friday. Contact: VMMC.

January 15—**General Topics in Hematology.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

January 18—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

January 22—**Surgery Circuit.** Vancouver. Tuesday. Inn Quay. Contact: U/W.

January 23—**Surgery Circuit.** Olympia. Wednesday. Tyee Motor Inn. Contact: U/W.

January 24—**Surgery Circuit.** Bremerton. Thursday. Harrison Memorial Hospital. Contact: U/W.

January 24-26—**Annual President's Meeting—Modern Ophthalmic Technology.** Washington State Academy of Ophthalmology at Seattle. Thursday-Saturday. Westin. Contact: Patti Smith, WSAO, 2033 Sixth Ave, #900, Seattle 98121. (206) 623-4801.

January 25—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

January 31-February 1—**Updates in Cardiology.** Seattle. Thursday-Friday. Westin. Contact: U/W.

February 1—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

February 1-2—**Medical and Surgical Update for Psychiatrists.** Seattle. Friday-Saturday. Contact: VMMC.

February 8—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

February 15—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

February 16—**Radiology Northwest.** Seattle. Saturday. U/W Health Sciences. Contact: U/W.

February 16-23—(IDAHO) **Internal Medicine.** Sun Valley. Saturday-Saturday. Elkhorn Resort. Contact: U/W.

February 19—**Total and Home Parenteral Nutrition.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

February 22—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

February 22-23—**Hemodynamic Monitoring Workshop.** Seattle. Friday-Saturday. Contact: VMMC.

February 23-March 2—(IDAHO) **Office Orthopaedics.** Sun Valley. Saturday-Saturday. Elkhorn Resort. Contact: U/W.

March 2-9—(HAWAII) **Medicine in China.** Kauai. Saturday-Saturday. Royal Waikola. Contact: U/W.

March 2-9—(HAWAII) **Electromyography.** Maui. Saturday-Saturday. Royal Lahaina. Contact: U/W.

March 9-16—(HAWAII) **Imaging for Non-Radiologists.** Maui. Saturday-Saturday. Royal Lahaina. Contact: U/W.

March 15—**Soft Tissue Surgery.** Seattle. Friday. Contact: VMMC.

March 16-23—(HAWAII) **Drug Therapy.** Maui. Saturday-Saturday. Royal Lahaina. Contact: U/W.

March 21-22—**Advances in Internal Medicine.** Seattle. Thursday-Friday. Sheraton. Contact: U/W.

March 23—**Radiology Northwest.** Seattle. Saturday. U/W Health Sciences. Contact: U/W.

March 23-30—(HAWAII) **Vascular Disease.** Maui. Saturday-Saturday. Royal Lahaina. Contact: U/W.

March 28-29—**Advanced Cardiac Life Support.** Seattle. Thursday-Friday. U/W Health Sciences. Contact: U/W.

March 30-April 6—(HAWAII) **Neurology.** Maui. Saturday-Saturday. Royal Lahaina. Contact: U/W.

April 11-12—**DRG.** Seattle. Thursday-Friday. Westin. Contact: U/W.

April 13—**Handicapped Infant.** Seattle. Saturday. U/W Health Sciences. Contact: U/W.

April 13—**Mason Clinic Day.** Seattle. Saturday. Contact: VMMC.

April 18-19—**Death Investigation.** Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.

April 22-May 3—**Rehab Medicine Review.** Seattle. 12 days. Seattle Sheraton. Contact: U/W.

April 26-27—**Sexual Assault.** Seattle. Friday-Saturday. Westin Hotel. Contact: U/W.

May 2-3—**Exercising Women.** Seattle. Thursday-Friday. Westin. Contact: U/W.

May 3-4—**Pharmacology Update.** Seattle. Friday-Saturday. Contact: VMMC.

May 9-10—**Issues in General Pediatrics.** Seattle. Thursday-Friday. Children's Orthopedic Hospital. Contact: U/W.

May 15-17—**Infectious Diseases.** Seattle. Wednesday-Friday. Westin. Contact: U/W.

May 30-31—**Controversies in Cardiovascular Issues.** Seattle. Thursday-Friday. Contact: U/W.

June 6-8—**Medical Emergencies.** Seattle. Thursday-Saturday. Contact: VMMC.

June 13-14—**Ischemic Heart Disease.** Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.

June 13-14—**Advances in Internal Medicine.** Seattle. Thursday-Friday. Sheraton. Contact: U/W.

June 15—**Radiology Northwest.** Seattle. Saturday. U/W Health Sciences. Contact: U/W.

WJM

WESTERN STATE MEDICAL ASSOCIATIONS' MEETINGS

Alaska State Medical Association—4107 Laurel St., Anchorage 99504. (907) 562-2662. Annual Meeting: June 8-11, 1985, Haines.

Arizona Medical Association, Inc.—810 W. Bethany Home Rd., Phoenix 85013. (602) 246-8901. Annual Meeting: April 26-27, 1985, The Cottonwoods, Scottsdale.

California Medical Association—44 Gough St., San Francisco 94103. (415) 863-5522. Annual Meeting: March 8-13, 1985, Town and County, San Diego.

Colorado Medical Society—6825 E. Tennessee, Bldg. 2, Suite 500, Denver 80224. (303) 321-8590. Annual Meeting: 1985—date and place to be announced.

Hawaii Medical Association—320 Ward Ave., Suite 200, Honolulu 96814. (808) 536-7702. Annual Meeting: November 9-11, 1984, Kauai Surf Hotel, Kauai.

Idaho Medical Association—407 W. Bannock St., PO Box 2668, Boise 83701. (208) 344-7888. Annual Meeting: 1985—date and place to be announced.

Montana Medical Association—2012 11th Ave., Suite 12, Helena 59601. (406) 433-4000. Annual Meeting: 1985—date and place to be announced.

Nevada State Medical Association—3660 Baker Lane, Reno 89502. (702) 825-6788. Annual Meeting: May 9-12, 1985, Hyatt, Lake Tahoe.

New Mexico Medical Society—303 San Mateo NE, Suite 204, Albuquerque 87108. (505) 266-7868. Annual Meeting: May 1-3, 1985, Marriott, Albuquerque.

Oregon Medical Association—5210 S.W. Corbett Ave., Portland 97201. (503) 226-1555. Annual Meeting: November 2-4, 1984, OMA Headquarters, Portland (House of Delegates).

Utah State Medical Association—540 East Fifth South, Salt Lake City 84102. (801) 355-7477. Annual Meeting: 1985—date and place to be announced.

Washington State Medical Association—900 United Airlines Bldg., 2033 6th Ave., Seattle 98121. (206) 623-4801. Annual Meeting: 1985—date and place to be announced.

Wyoming Medical Society—P.O. Drawer 4009, Cheyenne 82003-4009. (307) 635-2424. Annual Meeting: 1985—date and place to be announced.

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